

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
 Data File : BM003107.D
 Acq On : 12 Nov 2015 05:37
 Operator : UM/IZ
 Sample : G4322-20MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT0MS

Quant Time: Nov 13 11:31:59 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	141328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	676283	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	406606	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	893098	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	771775	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	699096	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6511	2.17	ng/uL	0.00
5) Phenol-d5	6.91	99	137828	12.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	79959	12.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	119531	12.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	108715	12.07	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	60326	14.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	63705	15.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	119922	12.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	106348	8.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	421036	13.76	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	462224	11.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	64588	12.53	ng/ul	0.00
58) Fluorene-d10	15.39	176	330718	12.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	49522	11.97	ng/ul	0.00
71) Anthracene-d10	17.24	188	478978	12.10	ng/ul	0.00
79) Pyrene-d10	19.53	212	452663	11.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	336529	10.13	ng/ul	0.00

Target Compounds

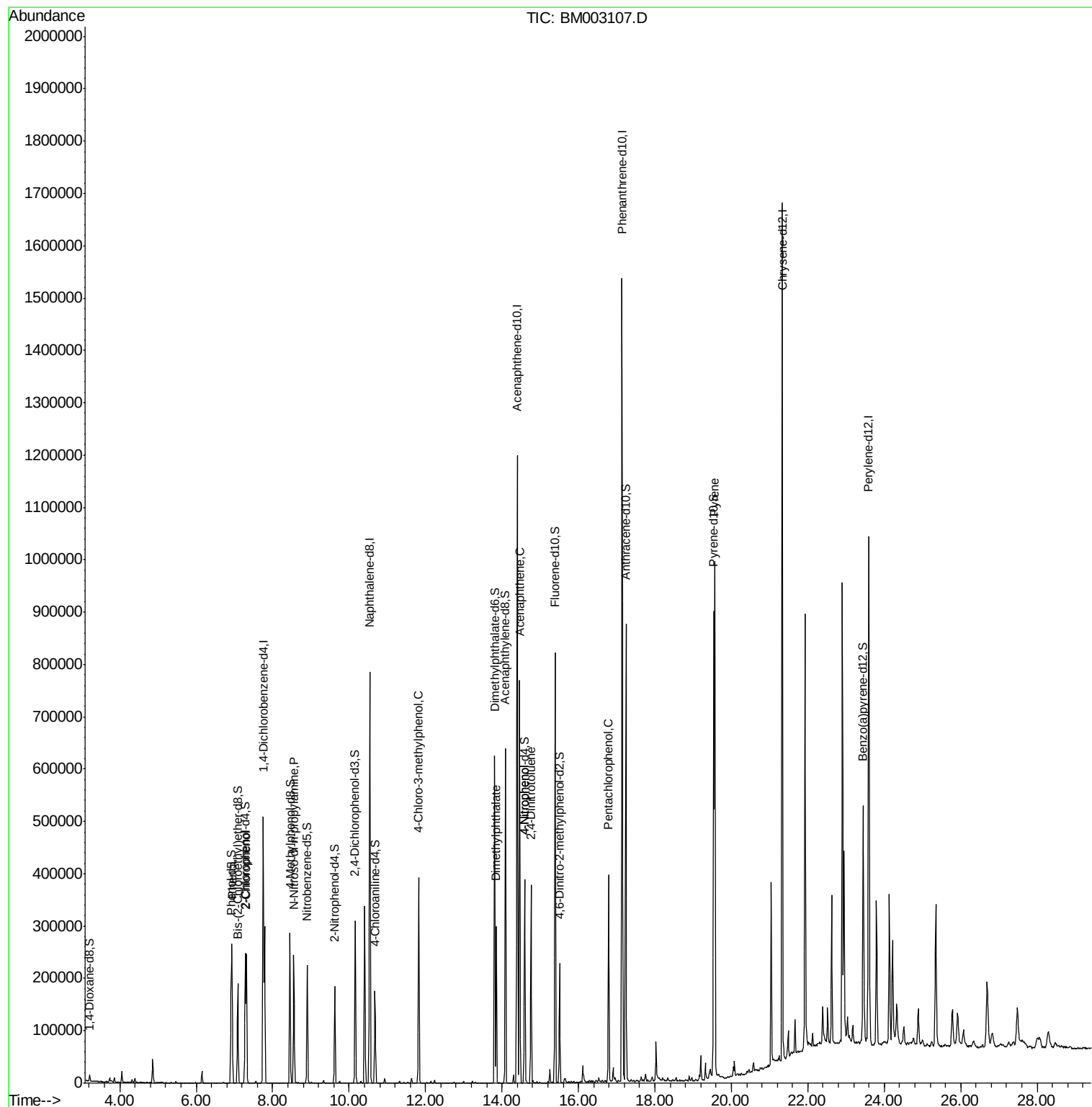
						Ovalue
6) Phenol	6.94	94	150884	13.12	ng/ul	92
10) 2-Chlorophenol	7.32	128	121028	12.38	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	93939	13.87	ng/ul	93
33) 4-Chloro-3-methylphenol	11.82	107	139064	13.68	ng/ul	95
45) Dimethylphthalate	13.85	163	195566	6.27	ng/ul	100
50) Acenaphthene	14.46	153	318888	11.44	ng/ul	99
53) 4-Nitrophenol	14.60	109	52751	13.46	ng/ul#	72
55) 2,4-Dinitrotoluene	14.76	165	109967	15.34	ng/ul	93
69) Pentachlorophenol	16.79	266	69356	11.74	ng/ul	97
80) Pyrene	19.57	202	594435	11.77	ng/ul#	91

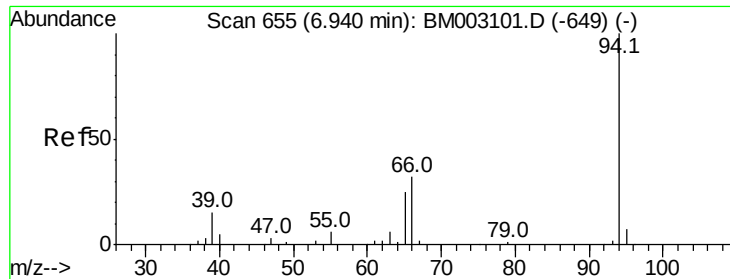
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 13.12 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

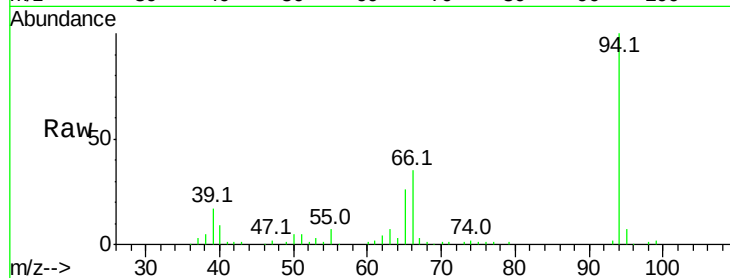
BNA_M

ClientSampleId :

A4HTOMS

Tot Ion: 94 Resp: 150884

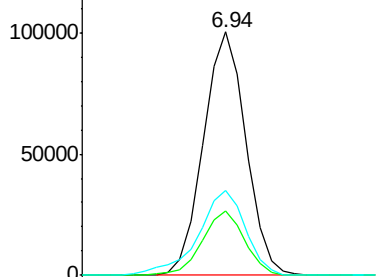
Ion	Ratio	Lower	Upper
94	100		
65	26.3	18.7	28.1
66	35.0	24.2	36.2



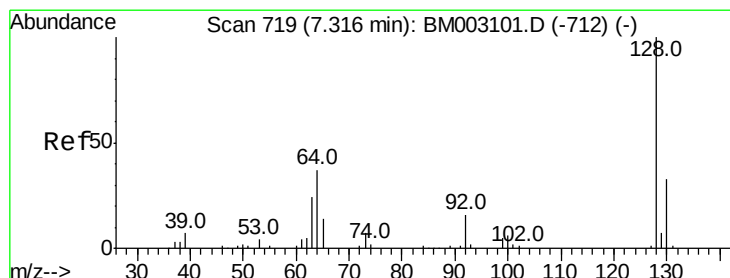
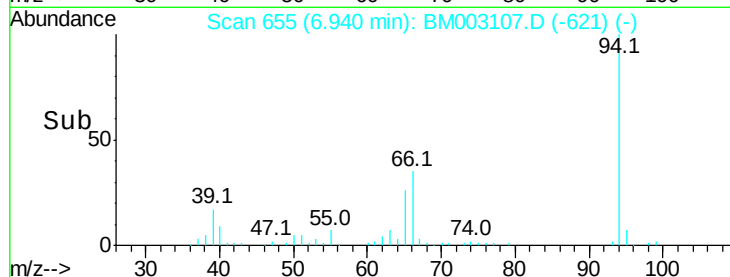
Abundance Ion 94.00 (93.70 to 94.70): BM003107.D (-621) (-)

Ion 65.00 (64.70 to 65.70): BM003107.D (-621) (-)

Ion 66.00 (65.70 to 66.70): BM003107.D (-621) (-)



Time-->



#10

2-Chlorophenol

Concen: 12.38 ng/ul

RT: 7.32 min Scan# 719

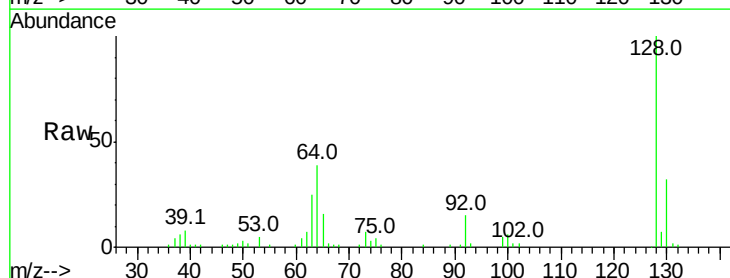
Delta R.T. -0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Tgt Ion: 128 Resp: 121028

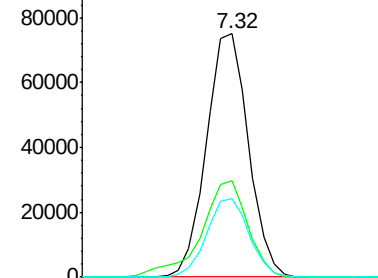
Ion	Ratio	Lower	Upper
128	100		
64	39.4	32.2	48.4
130	32.4	26.7	40.1



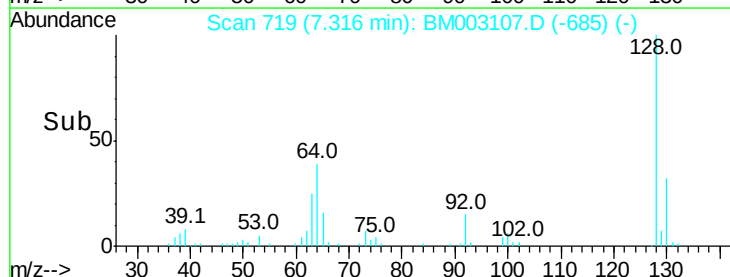
Abundance Ion 128.00 (127.70 to 128.70): BM003107.D (-685) (-)

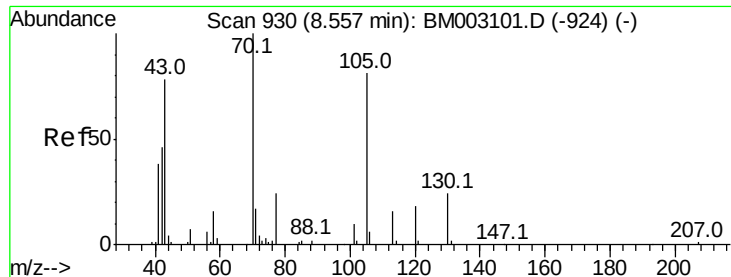
Ion 64.00 (63.70 to 64.70): BM003107.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM003107.D (-685) (-)



Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 13.87 ng/ul

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

Tot Ion: 70 Resp: 93939

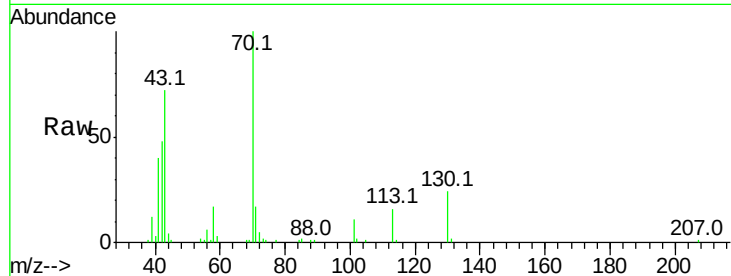
Ion	Ratio	Lower	Upper
70	100		
42	47.7	43.5	65.3
101	10.8	9.0	13.4
130	24.1	21.4	32.2

70 100

42 47.7 43.5 65.3

101 10.8 9.0 13.4

130 24.1 21.4 32.2



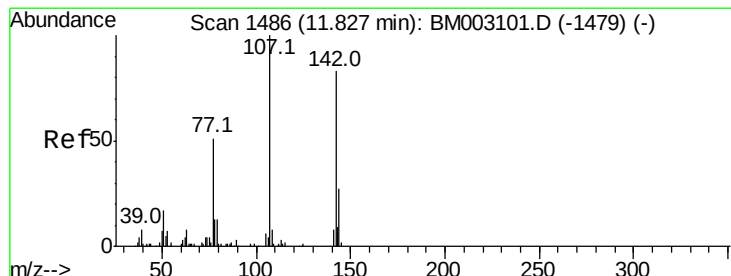
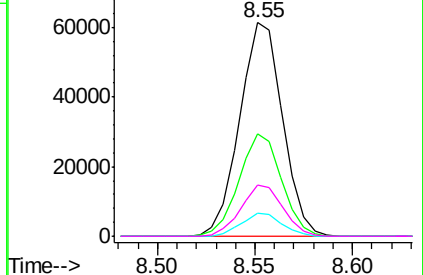
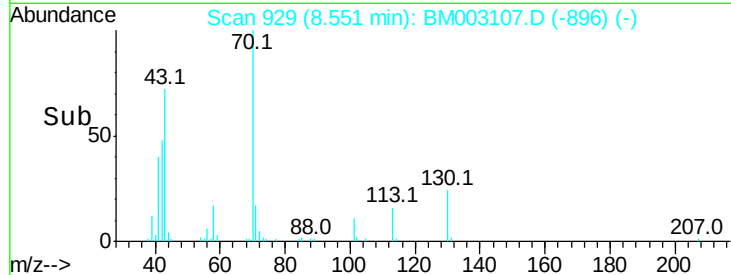
Abundance Ion 70.00 (69.70 to 70.70): BM003107.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM003107.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BM003107.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM003107.D (-924) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 13.68 ng/ul

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

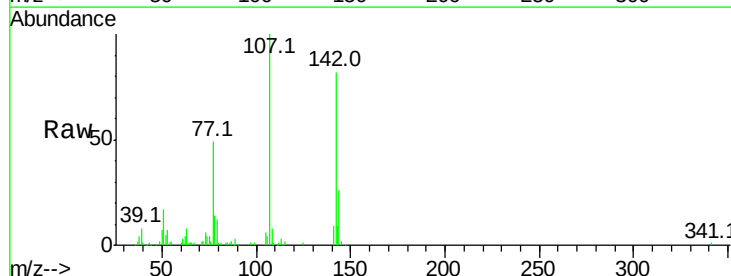
Tgt Ion: 107 Resp: 139064

Ion	Ratio	Lower	Upper
107	100		
144	26.4	22.8	34.2
142	82.3	69.5	104.3

107 100

144 26.4 22.8 34.2

142 82.3 69.5 104.3

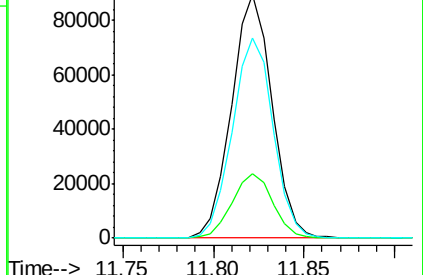
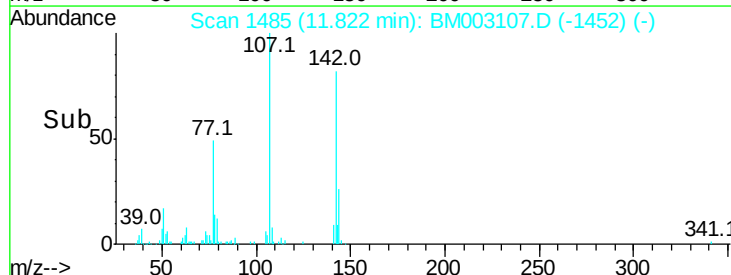


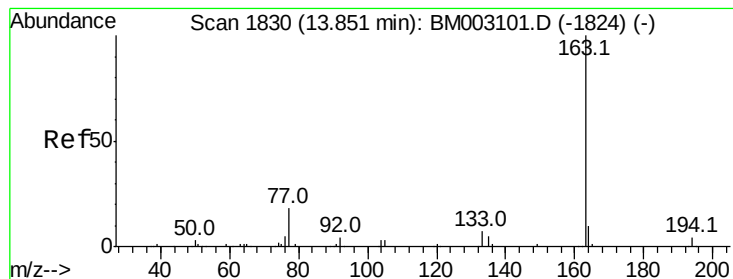
Abundance Ion 107.00 (106.70 to 107.70): BM003107.D (-1452) (-)

Ion 144.00 (143.70 to 144.70): BM003107.D (-1452) (-)

Ion 142.00 (141.70 to 142.70): BM003107.D (-1452) (-)

Time-->





#45

Dimethylphthalate

Concen: 6.27 ng/ul

RT: 13.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

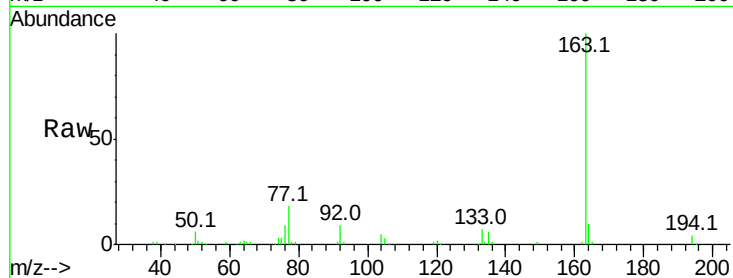
Tot Ion:163 Resp: 195566

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 9.9 7.8 11.8

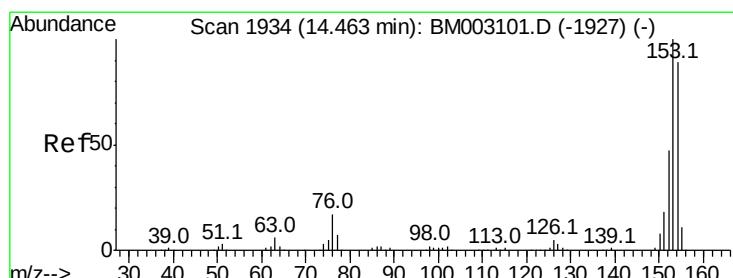
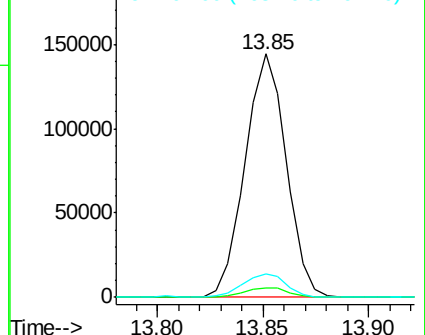
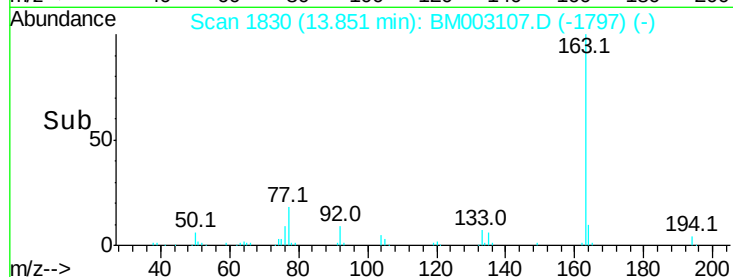


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 11.44 ng/ul

RT: 14.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

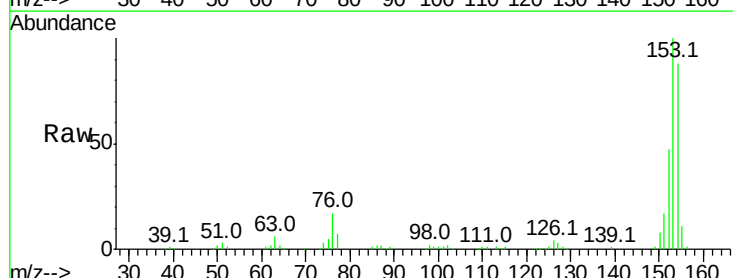
Tgt Ion:153 Resp: 318888

Ion Ratio Lower Upper

153 100

152 47.3 37.0 55.6

154 88.4 71.0 106.4

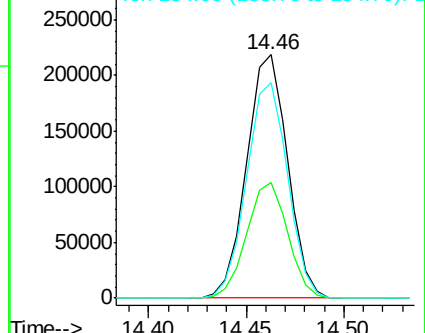
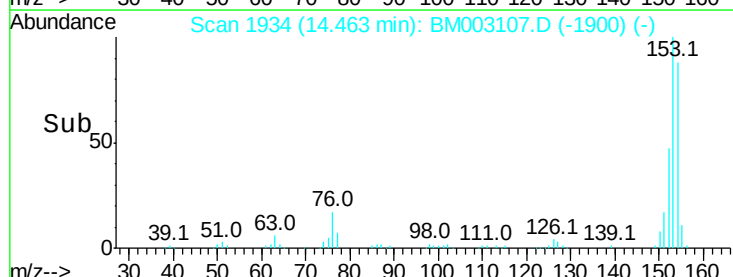


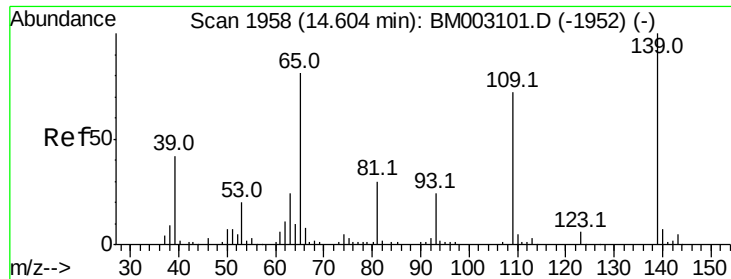
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 13.46 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

Instrument :

BNA_M

ClientSampleId :

A4HTOMS

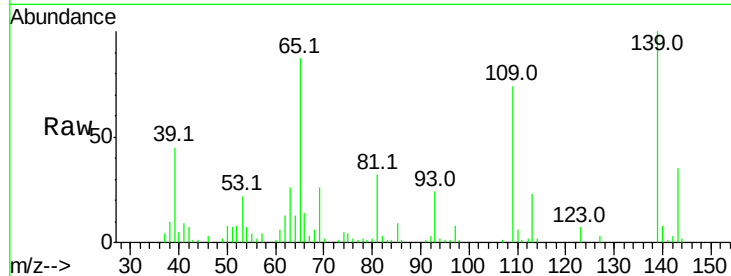
Tot Ion:109 Resp: 52751

Ion Ratio Lower Upper

109 100

139 135.3 150.3 225.5#

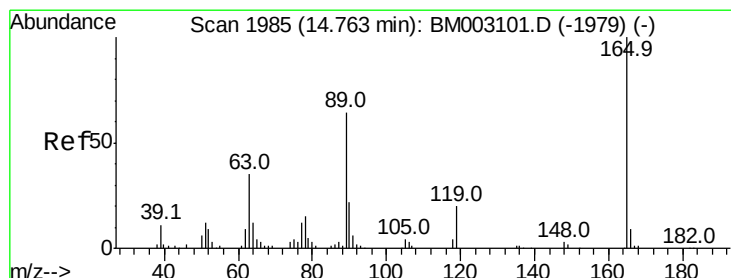
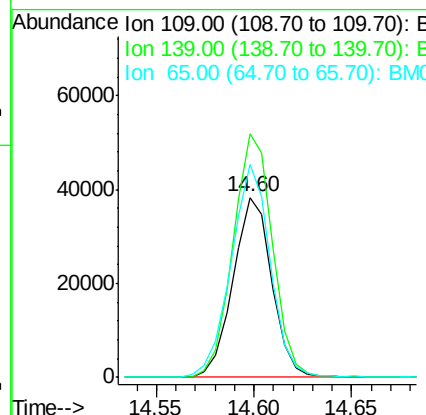
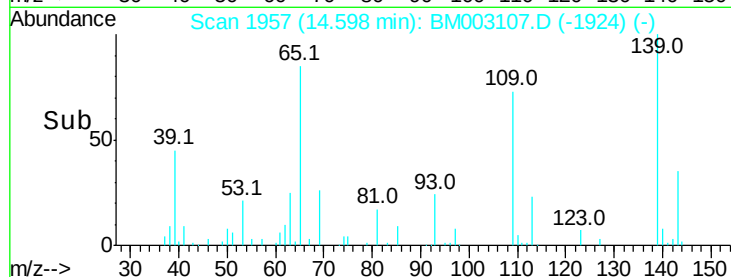
65 118.0 110.4 165.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#55

2,4-Dinitrotoluene

Concen: 15.34 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

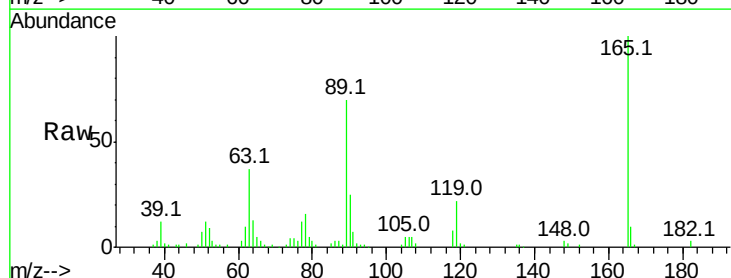
Tgt Ion:165 Resp: 109967

Ion Ratio Lower Upper

165 100

63 37.2 26.2 39.2

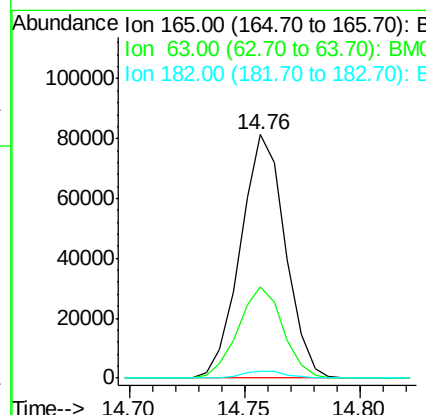
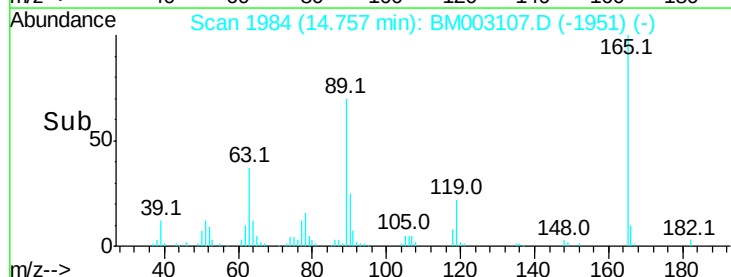
182 2.7 2.2 3.4

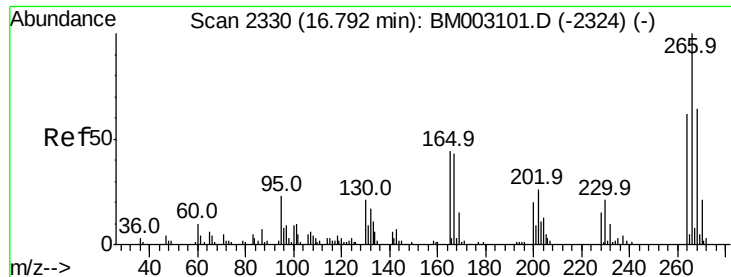


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 11.74 ng/ul

RT: 16.79 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

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ClientSampleId :

A4HTOMS

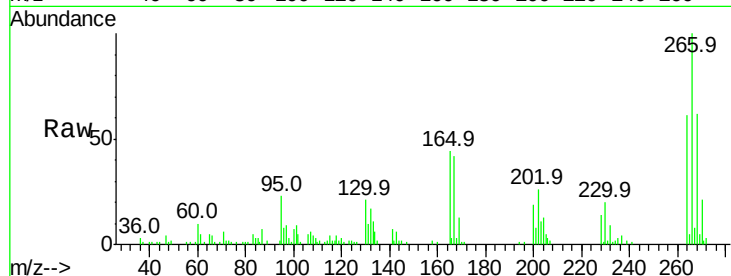
Tot Ion:266 Resp: 69356

Ion Ratio Lower Upper

266 100

264 60.7 52.0 78.0

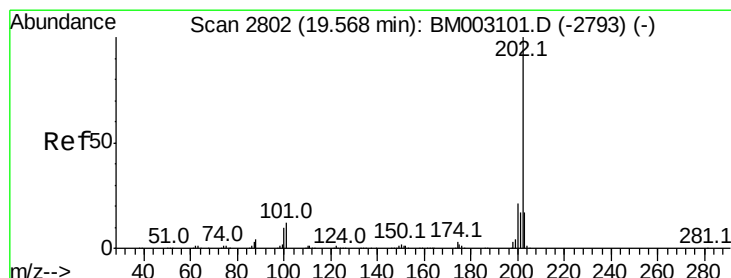
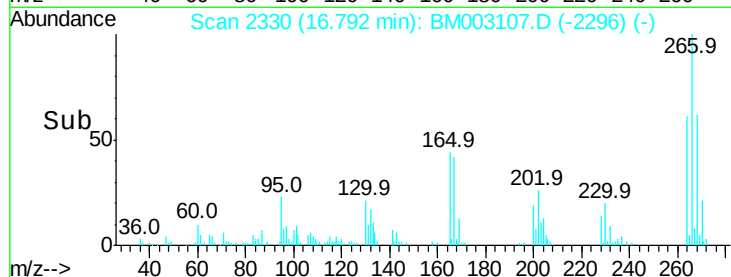
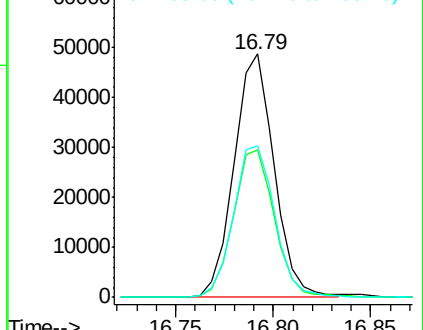
268 62.0 49.7 74.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 11.77 ng/ul

RT: 19.57 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BM003107.D

Acq: 12 Nov 2015 05:37

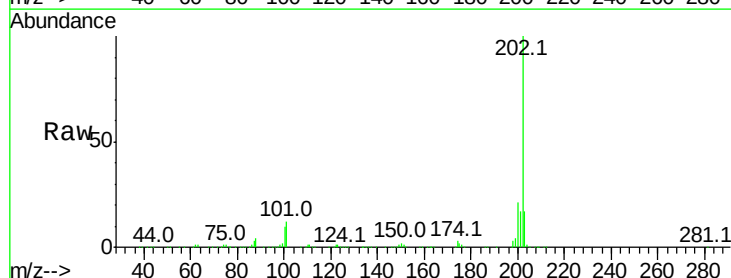
Tgt Ion:202 Resp: 594435

Ion Ratio Lower Upper

202 100

101 12.3 12.6 18.8#

100 9.5 10.6 15.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

